

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S62	0	("1812311"   "2582189"   "2718348"   "3000492"   "3027060"   "3281050"   "4177935"   "4291829"   "5080044"   "5271551"   "5699959").PN.) .PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/05 17:16
S35	40	("0055709"   "1271033"   "1653116"   "1948083"   "2377989"   "2568204"   "2800893"   "3511429"   "3533547"   "3547337"   "3659774"   "3670948").PN. OR ("4417686").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:51
S84	25	("0492305"   "1826104"   "1923089"   "1963677"   "2665026"   "2807402"   "3279677"   "3301460"   "3734280"   "3804234"   "4062448"   "4223827"   "5071026"   "5439110"   "5518111").PN. OR ("5624032").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 08:41
S29	61	("0538879"   "0601245"   "1693906"   "2718326"   "2970715"   "2974788"   "3101652"   "3327885"   "3353704"   "3416694"   "3428207"   "3517852"   "3628684"   "3752385"   "3817372"   "4029209"   "4410099"   "4499997"   "4635810"   "4844279"   "4899874").PN. OR ("5071026").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 15:57

S4	235	("1150489"   "1239223"   "1803028"   "1826104"   "1856729"   "1909898"   "1910074"   "2284283"   "2298209"   "2327709"   "2386905"   "2395364"   "2396168"   "2437667"   "2456841"   "2538860"   "2551814"   "2596087"   "2654474"   "2655304"   "2676750"   "2741399"   "2809775"   "2827222"   "2865553"   "2939624"   "2954914"   "3038600"   "3038602"   "3057535"   "3058585"   "3098583"   "3114493"   "3115247"   "3137109"   "3139981"   "3156358"   "3163322"   "3270875"   "3281180"   "3297191"   "3317234"   "3331500"   "3352475"   "3369728"   "3383827"   "3394800"   "3424368"   "3454157"   "3474590"   "3521741"   "3525466"   "3528697"   "3601439"   "3670950"   "3680765"   "3734392"   "3762627"   "3825170"   "3868140"   "3881648"   "3897873"   "3926307"   "3927824"   "3938731"   "4007869"   "4029207"   "4037777"   "4064989"   "4101052"   "4105152"   "4109787"   "4139146"   "4180191"   "4190149"   "4259827"   "4273273"   "4291829"   "4305500"   "4318474"   "4318476"   "4326628"   "4372598"   "4378878"   "4378879"   "4392607"   "4394905"   "4401212"   "4432579"   "4453630"   "4621734"   "4621766"   "4736977"   "4850478"   "4911300"   "4925020"   "4936455"   "4953782"   "4981254"   "5005759"   "5020661"   "5046662"   "5058735"   "5072876"   "5125506"   "5139137"   "5186321"   "5205477"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 12:10
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		"5323895"   "5328024"   "5351815"   "5445262"   "5476170"   "5485914"   "5487463"   "5487464"   "5590776"   "5845776"). PN. OR ("1693906"   "2318957"   "2582189"   "2597848"   "3170616"   "3827550"   "4717070"   "4981254"   "5271551"   "5699959"   "5845776"   "6250542"   "6702115"). URPN.				
S31	45	("1150489"   "1856729"   "1909898"   "2284283"   "2327709"   "2396168"   "2596087"   "2655304"   "2676750"   "2741399"   "3057535"   "3058585"   "3114493"   "3521741"   "3525466"   "3762627"   "3927824"   "3938731"   "4007869").PN. OR ("4981254").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:32
S83	16	("1176932"   "2665026"   "2755923"   "3904036"   "3994432"   "5009314"   "5071026"   "5328024"). PN. OR ("5439110").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 08:39
S81	35	("1236589"   "2510591"   "3106308"   "3297191"   "3360180"   "4044910"   "5439110"   "5538153"). PN. OR ("5699926").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 08:34
S11	17	("1239223"   "1910074"   "2939624"   "4259827"   "4291829"   "5005759"   "5205477").PN. OR ("5699959").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 12:39
S63	17	("1239223"   "1910074"   "2939624"   "4259827"   "4291829"   "5005759"   "5205477").PN. OR ("5699959").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 13:29

S71	28	("1352759"   "1812311"   "2125313"   "2744622"   "2919844"   "3089631"   "3167235"   "3682597"   "3709325"   "3987892"   "4848563"   "4865200"   "5057282"   "5318753"   "5335846"   "5462171"). FN. OR ("5720390").URFN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 08:13
S28	34	("1482727"   "1693906"   "1812311"   "2116431"   "2421748"   "2597848"   "2901155"   "4331287"   "4349147"   "4582198"   "4871067"   "4886164"   "4981254"   "5005759"   "5199634"   "5657872"   "5915617"   "5950911"   "6082614"   "6598785"   "D162988"   "D227191"   "D395004"   "D396133"   "D427117").FN. OR ("D528926").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 15:55
S76	34	("1482727"   "1693906"   "1812311"   "2116431"   "2421748"   "2597848"   "2901155"   "4331287"   "4349147"   "4582198"   "4871067"   "4886164"   "4981254"   "5005759"   "5199634"   "5657872"   "5915617"   "5950911"   "6082614"   "6598785"   "D162988"   "D227191"   "D395004"   "D396133"   "D427117").FN. OR ("D528926").URFN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 08:27
S26	34	("1482727"   "1693906"   "1812311"   "2116431"   "2421748"   "2597848"   "2901155"   "4331287"   "4349147"   "4582198"   "4871067"   "4886164"   "4981254"   "5005759"   "5199634"   "5657872"   "5915617"   "5950911"   "6082614"   "6598785"   "D162988"   "D227191"   "D395004"   "D396133"   "D427117").FN. OR ("D533078").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 15:51

S67	34	("1482727"   "1693906"   "1812311"   "2116431"   "2421748"   "2597848"   "2901155"   "4331287"   "4349147"   "4582198"   "4871067"   "4886164"   "4981254"   "5005759"   "5199634"   "5657872"   "5915617"   "5950911"   "6082614"   "6598785"   "D162988"   "D227191"   "D395004"   "D396133"   "D427117").PN. OR ("D533078").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 08:08
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S3	18	("1693906"   "2318957"   "2582189"   "2597848"   "3170616"   "3827550"   "4717070"   "4981254"   "5271551"   "5699959"   "5845776"   "6250542"   "6702115").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 12:10
S69	11	("1812311"   "2665049"   "3228518"   "3682597"   "4294358"   "4512511"   "4624032").PN. OR ("5765687").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 08:11
S73	11	("1812311"   "2665049"   "3228518"   "3682597"   "4294358"   "4512511"   "4624032").PN. OR ("5765687").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 08:18
S25	8	("1812311").URPN.	USPAT	OR	ON	2009/09/15 15:51
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S63	11	("1812311"   "2582189"   "2718348"   "3000492"   "3027060"   "3281050"   "4177935"   "4291829"   "5080044"   "5271551"   "5699959").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/05 17:16

S98	42	("1826197"   "2319924"   "2721689"   "2809775"   "2893621"   "3197108"   "3520468"   "3623650"   "3695219"   "3899121"). PN. OR ("4053100").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 11:24
S74	22	("1899529"   "2865075"   "3018534"   "3820203"   "3955248"   "4525903"). PN. OR ("4624032").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 08:18
S87	1	("1948041").URPN.	USPAT	OR	OFF	2010/03/10 08:49
S57	23	("1973930"   "2718348"   "2986078"   "3027060"   "3281050"   "3726467"   "3744702"   "3829000"   "3873017"   "3979045"). PN. OR ("4177935").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 13:56
S60	23	("1973930"   "2718348"   "2986078"   "3027060"   "3281050"   "3726467"   "3744702"   "3829000"   "3873017"   "3979045"). PN. OR ("4177935").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 14:02
S23	13	("1981731"   "2872032"   "3002609"   "3048323"   "3136410"   "3462020"). PN. OR ("5842568").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 15:19
S2	0	("2009/0173773").URPN.	USPAT	OR	ON	2009/09/15 11:42
S8	143	("2252235"   "2298209"   "2299625"   "2330699"   "2397376"   "2397716"   "2437667"   "2650128"   "2654474"   "2737326"   "2823063"   "2823064"   "2828047"   "3038600"   "3038602"   "3046711"   "3073644"   "3085683"   "3137109"   "3139981"   "3156358"   "3281180"   "3317234"   "3331500"   "3383827"   "3394800"   "3454157"   "3528697"   "3601439"   "3640563"   "3674136"   "3834750"   "3897873"   "3926307"   "4064989"   "4109787"   "4180191"   "4190149"   "4273273"   "4305500"   "4318476"   "4326628"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 12:27

		"4372598"   "4378878"   "4378879"   "4401212"   "4432579"   "4453630"   "4491223"   "4621734"   "4736977"   "4850478"   "4925020"   "4936455"   "4974771"   "5020661"   "5022525"   "5058735"   "5103971"   "5125506"   "5139137"   "5186321"   "5320216"   "5323895"   "5328024"   "5351815"   "5445262"   "5474172"   "5476170"   "5485914"   "5487463"   "5487464"   "5551566"   "5573111"   "5590776"   "5639137"   "5706936"   "5711419"   "5816391"   "5845776"   "5878876"   "6059099"   "Re25781").PN. OR ("5706936"   "5845776"   "6168012"   "6293392"). URPN.				
S75	36	("2322345"   "2954913"   "3142599"   "3344973"   "3682597").PN. OR ("4434890").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 08:22
S33	25	("2350932"   "3114493"   "3899121"   "3940053"   "4151948"   "4347968"   "4356952"   "4418863"   "4546913"   "4770339"   "4883221"   "4884739"   "4911355"   "5002224"   "5458283"   "5487505"   "5535941"   "5649663"   "5673848"   "5860590"   "6116498"   "6158652"   "6604675").PN. OR ("6899266").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:42
S99	26	("2395364"   "2456841"   "2551814"   "2809775"   "2827222"   "3352475"   "3369728"   "3734392"   "4139146").PN. OR ("4717070").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 11:29
S50	6	("2577304").URPN.	USPAT	OR	ON	2009/09/24 12:52
S100	2	("2582189").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 11:39

S85	0	("2582189").URPN.	USPAT	OR	OFF	2010/03/10 08:47
S86	0	("2582189").URPN.	USPAT	OR	OFF	2010/03/10 08:48
S101	0	("2582189").URPN.	USPAT	OR	OFF	2010/03/10 11:45
S69	1	("2718348").URPN.	USPAT	OR	ON	2009/09/24 14:02
S44	2	("2739754").URPN.	USPAT	OR	ON	2009/09/24 12:28
S10	11	("2865553"   "2954914"   "3270875"   "4037777"   "4392607"   "4953782"   "5046662").PN. OR ("5271551").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 12:33
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S97	1	("2917220").URPN.	USPAT	OR	OFF	2010/03/10 11:21
S18	20	("2973119").URPN.	USPAT	OR	ON	2009/09/15 13:06
S17	6	("3000492").URPN.	USPAT	OR	ON	2009/09/15 13:02
S64	6	("3000492").URPN.	USPAT	OR	OFF	2010/03/05 17:26
S61	2	("3027060").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 15:29
S49	8	("3027060").URPN.	USPAT	OR	ON	2009/09/24 12:50
S66	8	("3027060").URPN.	USPAT	OR	ON	2009/09/24 13:56
S34	11	("3079058"   "3162351"   "4056223"   "4236664"   "4417686"   "5002221"   "5261594"   "5294044"   "5333777").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 08:45
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S92	16	("3178093"   "3493722"   "3494536"   "3727824"   "3861581"   "4266715"   "4266716").PN. OR ("4372477").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 09:12
S91	32	("3178093").URPN.	USPAT	OR	OFF	2010/03/10 09:06



S58	12	("3281050").URPN.	USPAT	OR	ON	2009/09/24 13:58
S82	14	("3297191").URPN.	USPAT	OR	OFF	2010/03/10 08:37
S54	13	("3581977"   "4014292"   "4164314"   "4501226"   "4548160"   "4628863"   "4779567"   "4782788"   "4800842").PN. OR ("5080044").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/24 13:34
S70	38	("3682597").URPN.	USPAT	OR	OFF	2010/03/10 08:12
S72	38	("3682597").URPN.	USPAT	OR	OFF	2010/03/10 08:16
S7	4	("5706936"   "5845776"   "6168012"   "6293392"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 12:26
S22	1	("5842568").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/15 15:19
S88	2	("825133").URPN.	USPAT	OR	OFF	2010/03/10 08:53
S89	2	("825133").URPN.	USPAT	OR	OFF	2010/03/10 09:01
S24	12	((("1812311") or ("2116431") or ("6082614") or ("2597848") or ("4582198") or ("5005759") or ("5842568") or ("1960947"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/15 15:47
S20	6	((("3403839") or ("3827550") or ("5842568") or ("1960947") or ("3403839") or ("3827550"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/15 13:13
S90	3	((("4372477") or ("3178093"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 09:06
S1	23	((PATRI CK) near2 (BLI N)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 11:41
S77	149	(220/512).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 08:30

S52	148	(229/103.3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 13:22
S65	6034	(229/103.3).CCLS. (229/117.16).CCLS. (229/117.16).CCLS. (229/117.17).CCLS. (229/125.03).CCLS. (229/125.26).CCLS. (229/125.28).CCLS. (229/127).CCLS. (229/138).CCLS. (229/165).CCLS. (229/166).CCLS. (229/172).CCLS. (229/185.1).CCLS. (229/185.1).CCLS. (229/190).CCLS. (229/192).CCLS. (229/193).CCLS. (229/199).CCLS. (229/904).CCLS. (229/919).CCLS. 206/427	US-PGPUB; USPAT	OR	OFF	2010/03/10 08:05
S45	0	(229/1117.17).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:40
S13	587	(229/117.16).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/15 12:52
S47	587	(229/117.16).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:43
S46	277	(229/117.17).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:41
S15	64	(229/125.03).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/15 12:53
S12	291	(229/125.26).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/15 12:52
S19	263	(229/125.28).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/15 13:10
S37	418	(229/127).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 10:28
S36	369	(229/138).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 09:20

S55	490	(229/165).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 13:40
S43	130	(229/166).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:26
S51	377	(229/172).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 13:20
S16	267	(229/185.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/15 12:56
S48	267	(229/185.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:49
S38	1127	(229/190).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:10
S39	323	(229/192).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:12
S40	821	(229/193).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:16
S42	1302	(229/199).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:24
S21	262	(229/904).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/15 13:31
S41	271	(229/919).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/24 12:20
S30	1971	206/427	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/17 09:48
S95	3	220/dig S81.ccls.	US-PGPUB; USPAT	OR	OFF	2010/03/10 09:14
S94	0	220/dig2.ccls.	US-PGPUB; USPAT	OR	OFF	2010/03/10 09:14
S14	4	S12 and S13	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 12:52

S6	14	US-1693906-\$.DID. OR US-2318957-\$.DID. OR US-2582189-\$.DID. OR US-2597848-\$.DID. OR US-3170616-\$.DID. OR US-3827550-\$.DID. OR US-4717070-\$.DID. OR US-5845776-\$.DID. OR US-6702115-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 12:14
S6	6	US-5271551-\$.DID. OR US-4981254-\$.DID. OR US-6250542-\$.DID. OR US-5699959-\$.DID. OR US-2912526-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 12:11
S9	4	US-5706936-\$.DID. OR US-5845776-\$.DID. OR US-6168012-\$.DID. OR US-6293392-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/15 12:28

3/ 10/ 2010 3:23:53 PM

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